MICHIGAN STATE
U N I V E R S I T Y

Beta Presentation
"Alexa- what's my work schedule look like?"

The Capstone Experience

Team Union Pacific

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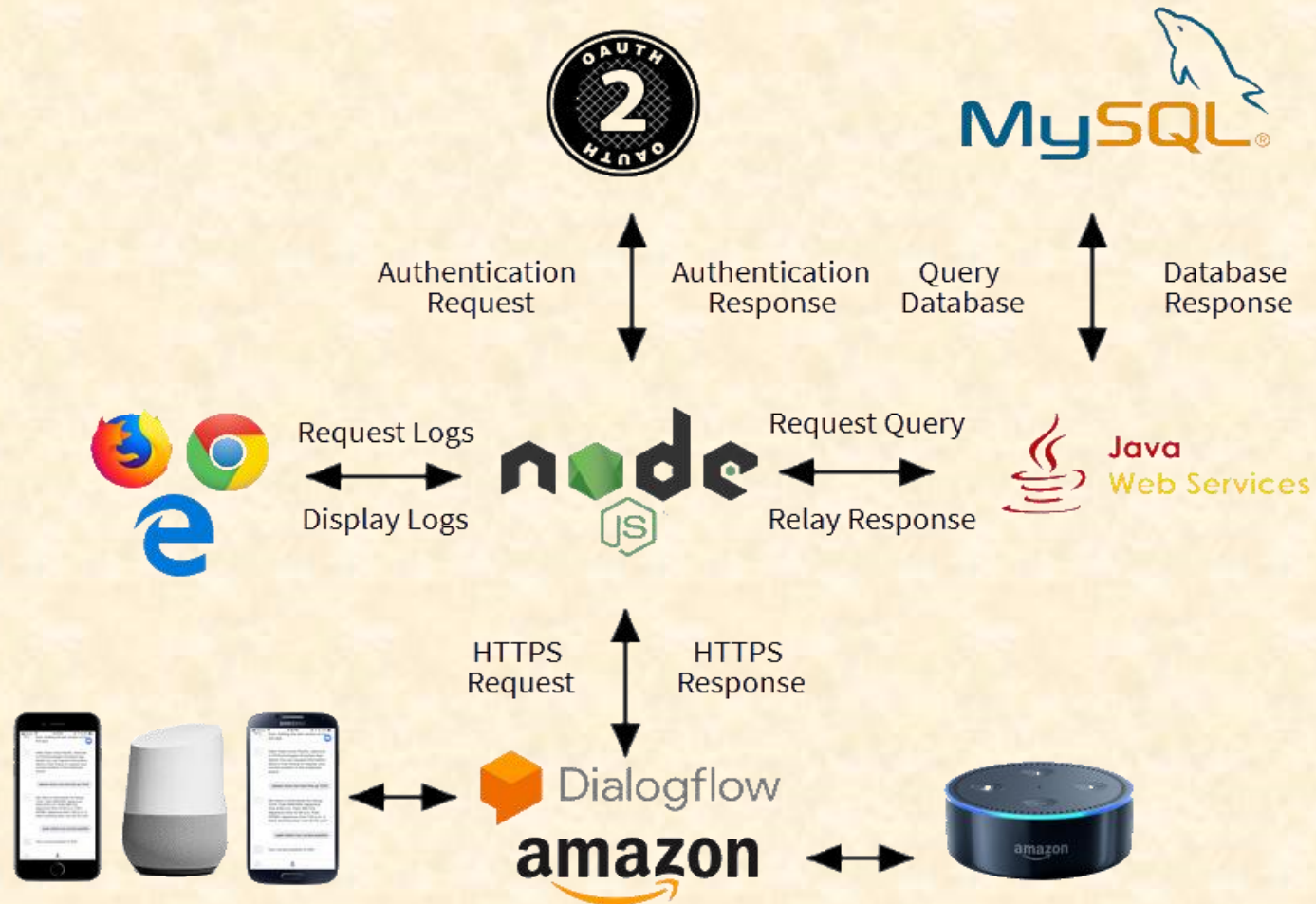Michigan State University

Spring 2018
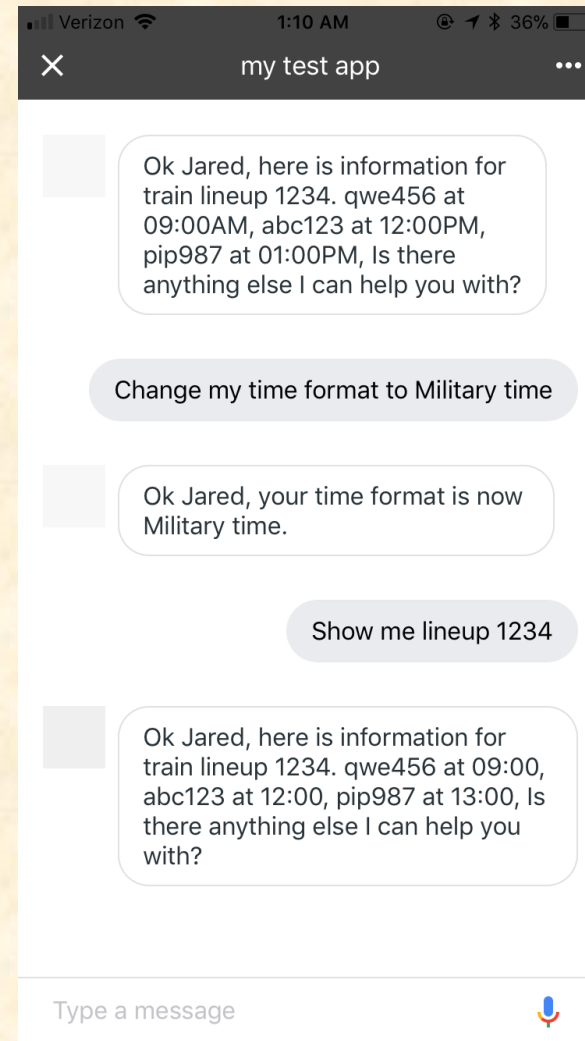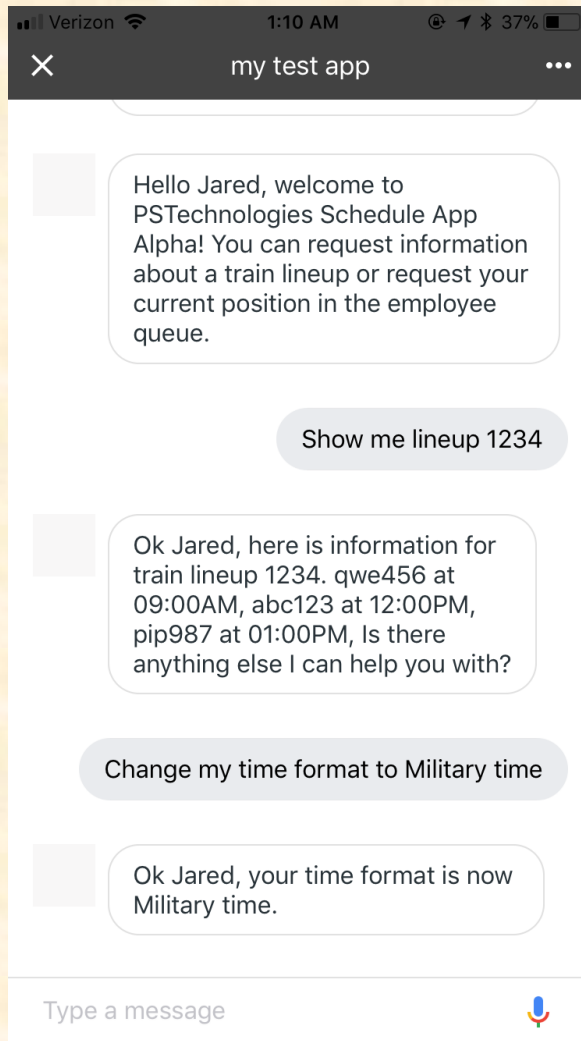
From Students…
    …to Professionals

Project Overview

- Provide voice assistant applications for Google Assistant and Amazon Alexa to inform train drivers of their schedules

- iOS and Android mobile users can utilize the Google Assistant app

- Management has the ability to monitor usage statistics through a web application and generate pdf reports
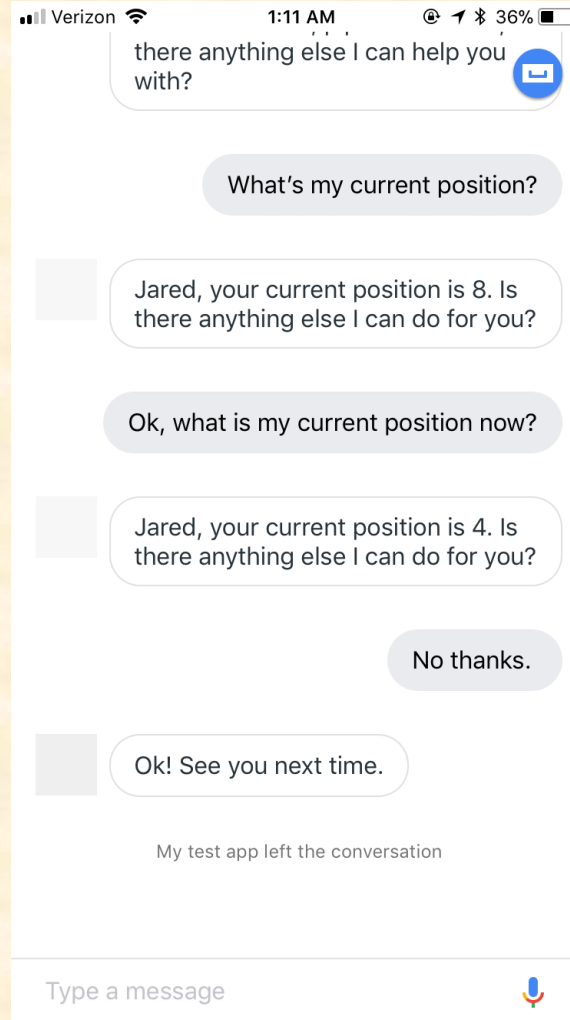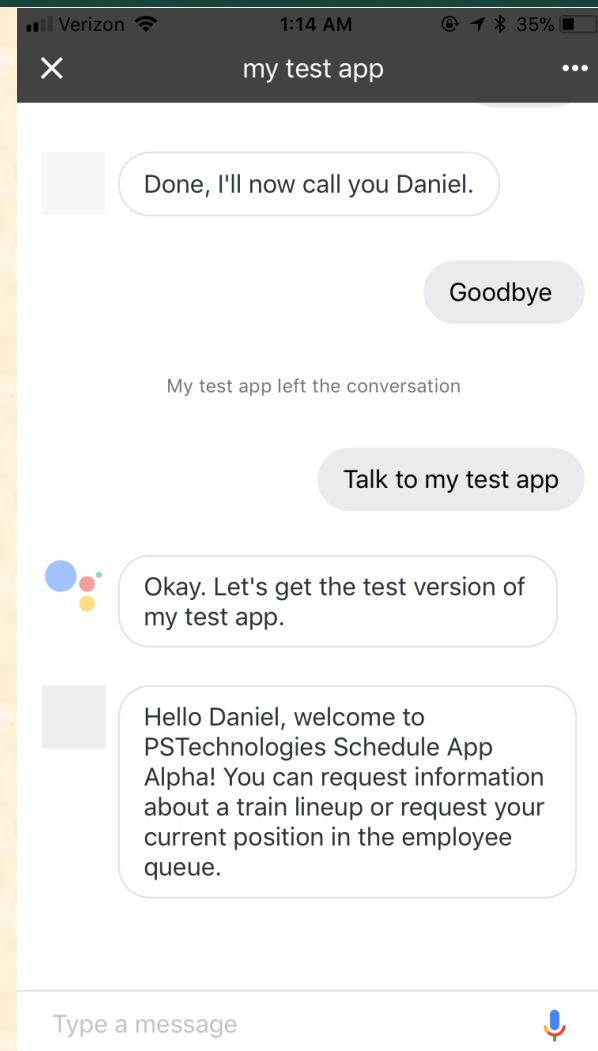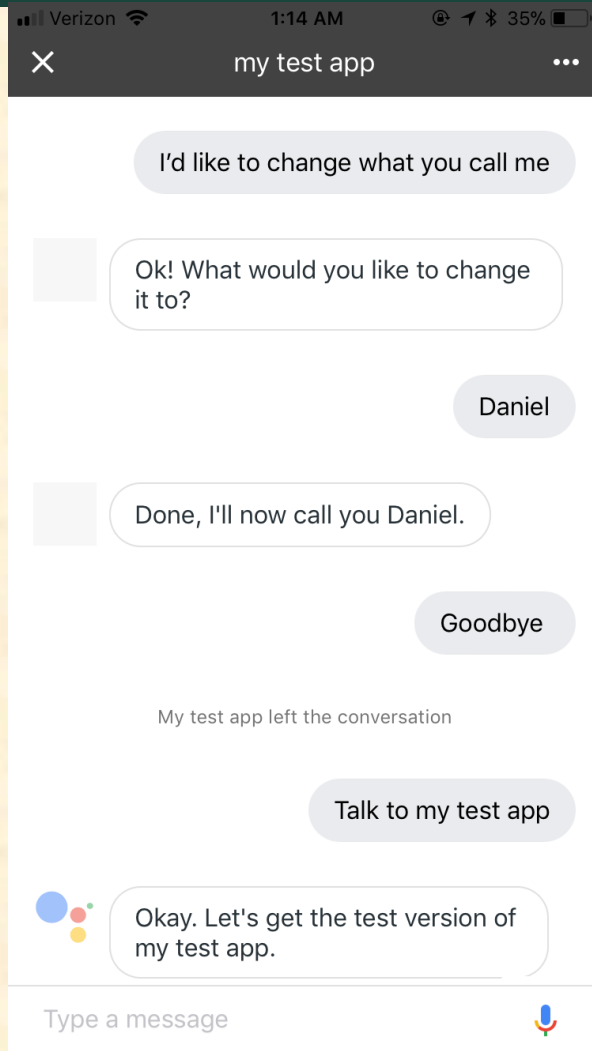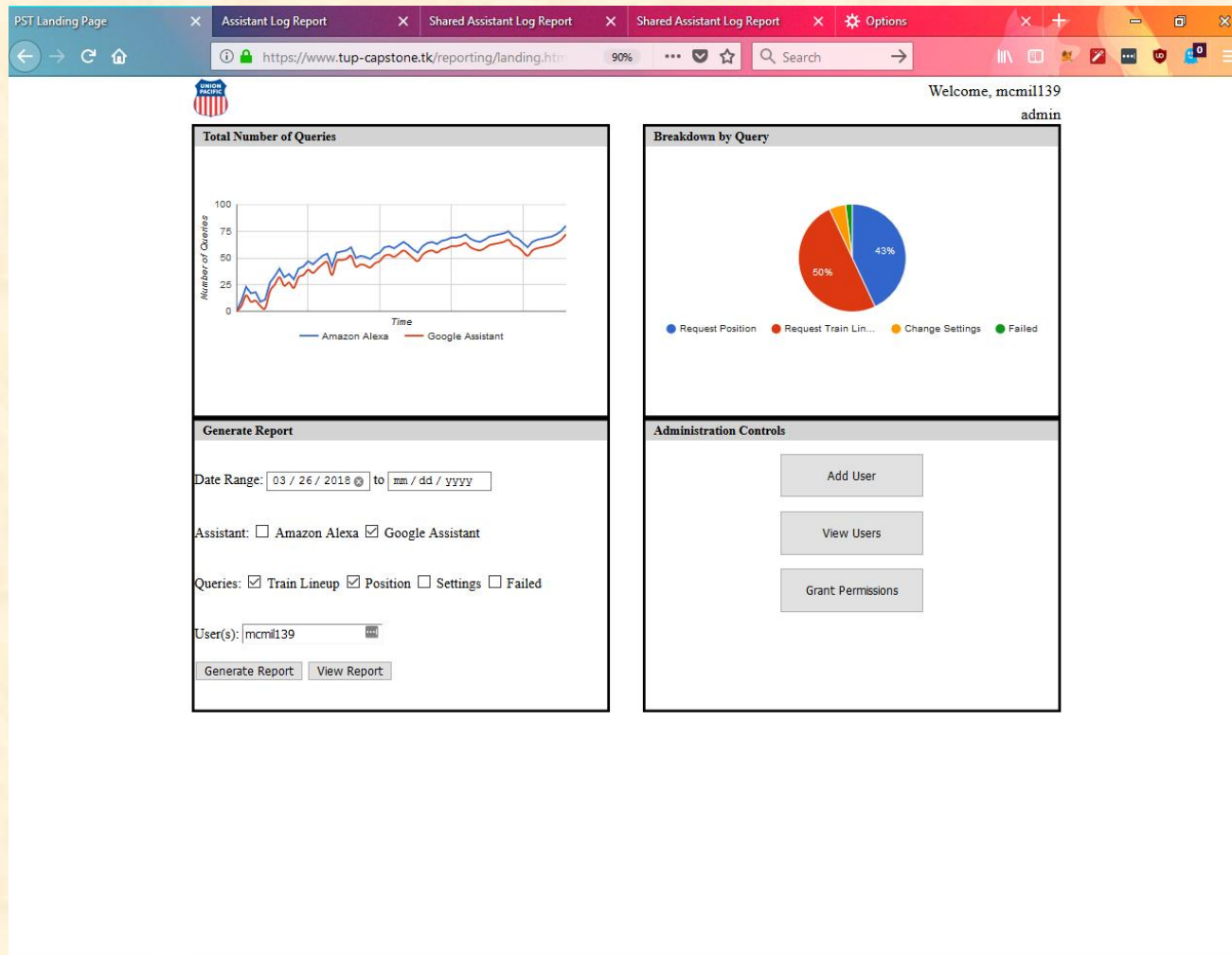
System Architecture

Request Train Lineup

Request Times Out

Change Username

Web App Dashboard

Usage Log Report

Shared Usage Log Report

What's left to do?

- Several bug fixes on log report generating

- Refactor several node scripts

- Provide additional conversation paths and widen scope of intent statements

- Connect IDs from accounts in different system parts in database

- Design day and project video

Questions?

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